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| FORM PTO-1449 (REV.7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 790086.405USPC | | APPLICATION NO. 10/507,343 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANTS Hideo Ema et al. | | | |
| | | | | FILING DATE March 11, 2002 | | GROUP ART UNIT 1636 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | | |
| | | | | | YES NO | | |
| /DS/ | AB | WO 00/05374 | 02/03/00 | WIPO | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| /DS/ | AC | Brandon, C., et al., "WNT Signaling Modulates the Diversification of Hematopoietic Cells," <i>Blood</i> 96(13):4132-4141, December 15, 2000. | | | | | |
| | AD | Deasy, B., et al., "Mechanisms of Muscle Stem Cell Expansion with Cytokines," <i>Stem Cells</i> 20:50-60, 2002. | | | | | |
| | AE | Drouet, M. et al., "Cell Cycle Activation of Peripheral Blood Stream and Progenitor Cells Expanded Ex Vivo with SCF, FLT-3 Ligand, TPO, and IL-3 Results in Accelerated Granulocyte Recovery in a Baboon Model of Autologous Transplantation but G ₀ /G ₁ and S/G ₂ /M Graft cell Content Does Not Correlate with Transplantability," <i>Stem Cells</i> 19:436-442, 2001. | | | | | |
| | AF | Drouet, M. et al., "The Reduction of In Vitro Radiation-Induced Fas-Related Apoptosis in CD34 ⁺ Progenitor Cells by SCF, FLT-3 Ligand, TPO, and IL-3 in Combination Resulted in CD34 ⁺ Cell Proliferation and Differentiation," <i>Stem Cells</i> 17:273-285, 1999. | | | | | |
| | AG | Ema, H., et al., "Purification of Hematopoietic Cells and Their Clonal Analysis," <i>Jikken Igaku</i> 19(15):1977-1981, 2001. Drawings only. | | | | | |
| | AH | Hsieh, J-C., et al., "A New Secreted Protein that Binds to Wnt Proteins and Inhibits their Activities," <i>Nature</i> 398:431-436, April 1999. | | | | | |
| | AI | Lako, M., et al., "Characterisation of <i>Wnt</i> Gene Expression During the Differentiation of Murine Embryonic Stem cells in Vitro: Role of <i>Wnt3</i> in Enhancing Haematopoietic Differentiation," <i>Mechanisms of Development</i> 103:49-59, 2001. | | | | | |
| /DS/ | AJ | Van Den Berg, D., et al., "Role Of Members of the <i>Wnt</i> Gene Family in Human Hematopoiesis," <i>Blood</i> 92(9):3189-3202, November 1, 1998. | | | | | |
| EXAMINER /Daniel Sullivan/ | | | | DATE CONSIDERED 05/07/2007 | | | |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s). | | | | | | | |



Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
790086.405USPCAPPLICATION NO.
10/507,343INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANTS
Hideo Ema et al.FILING DATE
September 10, 2004GROUP ART UNIT
~~1645~~ 1636

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
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| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|------|----|-----------------|----------|---------|-------------|----|
| | | | | | YES | NO |
| /DS/ | AJ | WO 97/31647 | 09/04/97 | WIPO | | |
| /DS/ | AK | WO 98/06747 | 02/19/98 | WIPO | | |
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| /DS/ | AM | WO 02/077204 A2 | 10/03/02 | WIPO | | |

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| /DS/ | AN | Domen, J., et al., "Self-renewal, Differentiation or Death: Regulation and Manipulation of Hematopoietic Stem Cell Fate," <i>Mol Med Today</i> , 5(5):201-8, May 1999. |
| /DS/ | AO | Ema, H., et al., "In Vitro Self-renewal Division of Hematopoietic Stem Cells," <i>J Exp Med</i> , 192(9):1281-8, November 6, 2000. |
| /DS/ | AP | Ema, H., et al., "WNT Inhibitory Factor-1 Acts on Hematopoietic Stem Cells as a Survival Factor," <i>Experimental Hematology</i> , 31(7):183, Supplement 1, July 2003. |
| /DS/ | AQ | Patthy, L., "The WIF module," <i>Trends Biochem Sci.</i> , 25(1):12-13, January 2000. |

EXAMINER /Daniel Sullivan/

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